

Datasheet: AAI28P

Description:	GOAT ANTI CHICKEN IgA:HRP
Specificity:	IgA
Format:	HRP
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/10,000 - 1/100,000
Western Blotting			▪	

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using the appropriate negative/positive controls.

Target Species	Chicken
Product Form	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid

Antiserum Preparation Antisera to chicken IgA were raised by repeated immunisation of goat with highly purified antigen. Purified IgG prepared by affinity chromatography.

Buffer Solution	Phosphate buffered saline
Preservative	0.1% Proclin™ 300
Stabilisers	0.2% Bovine Serum Albumin

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
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Immunogen	Purified chicken IgA.
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Specificity **Goat anti Chicken IgA antibody** recognizes chicken immunoglobulin A and shows no cross-reactivity with other chicken immunoglobulin classes in immunoelectrophoresis.

Goat anti Chicken IgA antibody may react with IgA from other species.

References 1. Withanage, G.S. *et al.* (2005) Cytokine and chemokine responses associated with clearance of a

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14. Koppad, S. *et al.* (2011) Calcium phosphate coupled Newcastle disease vaccine elicits humoral and cell mediated immune responses in chickens. [Res Vet Sci. 91 \(3\): 384-90.](#)
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16. Sadeyen JR *et al.* (2014) Analysis of immune responses induced by avian pathogenic *Escherichia coli* infection in turkeys and their association with resistance to homologous re-challenge. [Vet Res. 45: 19.](#)
17. Barman, N. N. *et al.* (2014) Reflection of serum immunoglobulin isotypes in the egg yolk of laying hens immunized with enterotoxigenic *Escherichia coli* [Veterinary World. 7 \(9\): 749-753.](#)
18. Salisbury Anne-Marie *et al.* (2014) *Salmonella* Virchow Infection of the Chicken Elicits Cellular and Humoral Systemic and Mucosal Responses, but Limited Protection to Homologous or Heterologous Re-Challenge [Frontiers in Veterinary Science. 1: 6.](#)
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Storage

Store at +4°C. DO NOT FREEZE.

This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

12 months from date of despatch.

Acknowledgements

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Dow.

Health And Safety Information Material Safety Datasheet documentation #10198 available at:
10198: <https://www.bio-rad-antibodies.com/uploads/MSDS/10198.pdf>

Regulatory For research purposes only

Related Products

Recommended Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

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